



ZC-D5000 Series

DATA SHEET

Super High Resolution Col & Col/Mono Domes



Key Features

- 1/3" IT CCD
- Super High Resolution
- Integrated Varifocal lens
- Impressive colour reproduction
- Digital Signal Processing
- Day/Night version available
- Line lock with phase adjustment
- Backlight compensation
- Automatic gain control
- Easy adjustment with the unique 3 axis gimble

The ZC-D5000 Dome camera has a high performance CCD image sensor combined with the new DSP chip delivering a super high resolution of 540TVL. The dome range is available as colour or as Day & Night. The domes come with low voltage input, allowing either 12Vdc or 24 Vac. The dome camera is complete with a 2.8-12.0mm auto iris high speed varifocal lens (ZC-D5212PHA), or 2.8-12mm IR auto iris varifocal lens (ZC-DN5212PHA), providing optimum performance in demanding lighting conditions.

Further setup can be achieved by selecting the switches on the camera body. These include backlight compensation, AGC on/off, auto white balance/auto white tracing (colour only). The camera has a 3 axis gimble for adjusting the camera position, allowing the camera to be ceiling mounted or wall mounted.

Ordering Information

ZC-D5212PHA	Super high resolution Colour Dome
ZC-DN5212PHA	Super high resolution Colour/Mono Dome





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Technical Specification

MODEL	ZC-D5212PHA	ZC-DN5212PHA
TV System	Pal	
Focal Length	2.8-12mm	
Max aperture Ratio	1:1.3	
Angle of View (Wide to Tele)	D: 121.8° ~ 29.6° H: 98.2° ~ 23.8° V: 73.6° ~ 17.8° (Col) D: 133° ~ 29.7° H: 102.2° ~ 23.7° V: 74.2° ~ 17.8° (Day/Night)	
Image Sensor	1/3" IT CCD	
Effective Elements	752 (H) x 582 (V)	
Scanning Frequency	15.625kHz / 50.0Hz	
Iris	F1.3 - 360	
Resolution (Horizontal)	540 TVL	
Minimum Illumination 50 IRE	Colour Model: 1.41 lux (D D/N: OFF), 0.94 lux (D D/N: ON) Colour/Mono Model: 0.12 lux (Night mode, B/W)	
With IR Illuminance	0.00 lux (Night mode, B/W)	
S/N Ratio	> 50dB (AGC gain : minimum)	
Gamma Characteristics	0.45	
Sync System	INT./L.L.	
Electric Shutter	1/50 sec. Fixed (Flickerless:OFF) 1/120 sec. Fixed (Flickerless: ON)	
White Balance	ATW	
Power Supply	12 V DC/ 24 V AC	
Power Consumption DC 12V	3.0W	
AC 24V	4.2W, 250mA	
Ambient Temperature	Operation : -10°C ~+50°C / Storage : -20°C ~+60°C	
Ambient Humidity	Operation: 85% RH max. / Storage : 95% RH max.	
External Dimensions	144(D)mm x 110 (H)mm	
Weight (approximate)	490g	
Adjustment Volume	DC iris level, Line phase	

Features and specifications are subject to change for further improvement without any notice

